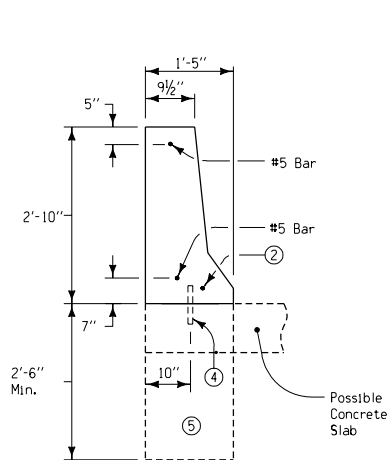
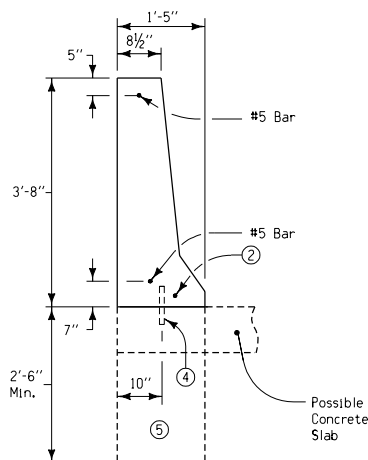


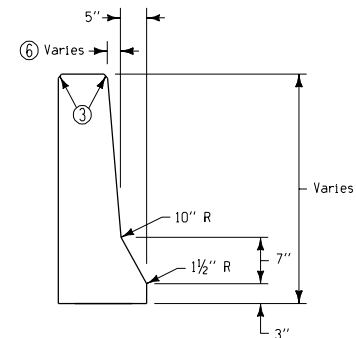
ELEVATION  
TYPE 11  
Cast in Place



SECTION A-A



SECTION B-B



DETAILS OF BARRIER FACE

#### GENERAL NOTES:

Details shown are for the construction of a 44" to 34" Concrete Roadside Barrier Transition Section. The "F-Shape" barrier shall be cast in place, unless specified otherwise in the project plans. Refer to "Tabulation of Concrete Barrier" and Project Plans for specific details.

Details shown are typical. Alternate design details may be submitted to the Engineer for approval.

Concrete shall be Class 'D' Structural Concrete placed and finished as specified in Article 2407.14 of current Standard and Supplemental Specifications or by methods approved by the Engineer.

Epoxy coated steel bars are required; see Article 4151.02B of current specifications.

Dowels shall be either installed in supporting surface when placed or installed in drilled holes using epoxy cement or grout approved by the Engineer.

The paved shoulder area shall be included in the quantity for concrete pavement, shoulder or median, whichever is applicable.

The price bid for "Barrier, Concrete RE-44G" shall be considered full compensation for construction of concrete barrier as detailed hereon, including reinforcing steel and all necessary excavation and backfill.

Quantities required for one Transition Section:  
1.2 cubic yards Structural Concrete Class 'D'.

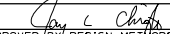
- ① Contraction Joints shall be formed by use of pre-molded fiber, pressed wood or other approved material shaped to conform to shape of concrete barrier, or by sawing as indicated hereon. Where abutting sections are placed as separate pours, a butt joint may be used; no filler is required.
- ② Possible reinforcing needed, such as over inlets or other unsupported areas of 1'-0" or more; use #5 bars. Length equals unsupported portion plus 2'-0" beyond each way.
- ③ All exposed corners are to be filleted with a 3/4" dressed and beveled strip.
- ④ 1" x 8" deformed bars or 1" diameter smooth dowels.
- ⑤ Concrete footing required when not placed on concrete slab.
- ⑥ From Section A-A to Section B-B.

 Iowa Department of Transportation  
Project Development Division

**STANDARD ROAD PLAN RE-44G**

REVISION: Convert from New Jersey shape to F-shape barrier; add Note 6.

REVISION NO.  
3

APPROVED BY:  05-24-99  
DESIGN METHODS ENGINEER

REVISION DATE  
09-21-99

DETAILS OF  
CONCRETE ROADSIDE BARRIER  
TRANSITION SECTION